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APPLICANTS: Futoshi TOMIYAMA, et al.  
SERIAL NO.: 09/805,806  
FILED: March 13, 2001

GROUP ART: 2652  
EXAMINER: Julie Anne Watko

TITLE: MAGNETIC HEAD WITH HIGH RELIABILITY OF THE DATA PROTECTION,  
MAGNETIC DISK APPARATUS INCLUDING THE MAGNETIC HEAD AND THE  
METHOD OF RECORDING INFORMATION OF THE MAGNETIC DISK  
APPARATUS WITHOUT MISERASING THE PREVIOUSLY RECORDED DATA+

PAPERS FILED:

1. PRELIMINARY AMENDMENT WITH APPENDIX ATTACHED THERETO

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June 9, 2003





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Docket No. 29287/119

Official

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTORS: Futoshi TOMIYAMA, et al.  
SERIAL NO. : 09/805,806  
FILED : March 13, 2001  
FOR : MAGNETIC HEAD WITH HIGH RELIABILITY OF THE DATA  
PROTECTION, MAGNETIC DISK APPARATUS INCLUDING THE  
MAGNETIC HEAD AND THE METHOD OF RECORDING  
INFORMATION ON THE MAGNETIC DISK APPARATUS WITHOUT  
MISERASING THE PREVIOUSLY RECORDED DATA

GROUP ART UNIT : 2652

EXAMINER : Julie Anne Watko

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PRELIMINARY AMENDMENT

SIR:

Prior to initial examination, please enter this Preliminary Amendment.

IN THE CLAIMS:

Please cancel claims 5-7.

Please amend claims 1-2, 4, 8-10 as follows.

Sub B2  
Q1  
1. (Amended) A magnetic disk apparatus comprising a magnetic head formed by stacking thin films, a rotated magnetic disk, and a means for positioning said magnetic head relative to said rotated magnetic disk, wherein said magnetic head comprises a first magnetic pole and a recording magnetic pole, and, at a position on said magnetic disk where the angle S between the rotating direction of said magnetic disk and the film thickness direction of said